

10/ 733390

Sheet 1 of 5

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 102464.05		Rule 53(b) Divisional of Application No. 10/364,416	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Yasushi OKABE, Shougo SATO and Tsutomu SUZUKI			
				FILING DATE December 12, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
SC		5,160,964	11/03/92	TAKAHASHI et al.	399	113	
SC		5,845,176	12/01/98	YOSHIDA et al.	399	113	
SC		5,805,959	09/08/98	HAZAMA et al.	399	111	
SC		5,740,491	04/14/98	IMAI	399	25	
SC		5,028,966	07/02/91	KOZUKA et al.	399	113	
SC		4,563,074	01/07/86	TSUTSUI et al.	399	119	
SC		4,806,977	02/21/89	MIZUTANI et al.	399	111	
SC		5,111,244	05/05/92	KOYAMA et al.	399	111	
SC		5,406,355	04/11/95	KOMURO et al.	399	111	
SC		5,745,824	04/28/98	YASHIRO	399	113	
SC		5,893,006	04/06/99	KANNO et al.	399	13	
SC		5,920,752	07/06/99	KARAKAMA et al.	399	111	
SC		5,371,575	12/06/94	SEKINO et al.	399	113(X)	
SC		5,450,159	09/12/95	CHOI et al.	399	113	
SC		5,842,091	11/24/98	NAKANO	399	111(X)	
SC		5,953,561	09/14/99	TASHIRO et al.	399	111	
SC		6,101,350	08/08/00	SUZUKI et al.	399	113	
SC		4,924,267	05/1990	YOSHIKAWA et al.	399	112	
SC		5,227,843	07/1993	YAMAMOTO et al.	399	111	
SC		6,141,519	10/2000	SATO	399	111(X)	
EXAMINER <i>Sophia S. Chen</i>					DATE CONSIDERED <i>3/31/04</i>		
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SC		5,537,187	07/96	Sekine	399	113	
SC		6,456,810 B1	09/24/02	Deguchi et al.	399	254	
SC		2002/0028086 A1	03/07/02	Sato et al.	399	103	
SC		2002/0090226 A1	07/11/02	Sato et al.	399	103	
SC		2002/0025187 A1	02/28/02	Sato et al.	399	111	
SC		D422,304	04/04/2000	Suzuki et al.	D18	43	
SC		D423,559	04/25/2000	Suzuki et al.	D18	40	
SC		D442,216 S	05/15/2001	Kimura et al.	D18	43	
SC		D447,511 S	09/04/2001	Kimura et al.	D18	40	
SC		6,101,350	08/08/2000	Suzuki et al.	399	113	
SC		6,041,203	03/21/2000	Suzuki et al.	399	111	
SC		6,330,410 B1	12/11/2001	Okabe et al.	399	113	
SC		6,219,505 B1	04/17/2001	Sato et al.	399	98	
SC		6,195,522 B1	02/27/2001	Sato	399	284	
SC		6,321,050 B1	11/20/2001	Sato et al.	399	103	
SC		6,304,735 B1	10/16/2001	Nishimura et al.	399	98	
SC		6,337,956 B1	01/08/2002	Sato et al.	399	27	
SC		6,336,014 B1	01/01/2002	Sato et al.	399	103	
SC		6,356,723 B1	03/12/2002	Sato et al.	399	103	
SC		6,385,414 B1	05/07/2002	Sato et al.	399	98	
SC		6,411,789 B1	06/25/2002	Okabe et al.	399	113	
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
8C		0 437 097 A2	07/17/91	Europe	—	—	
8C		EP-A2-0 530 491	03/10/93	Europe	—	—	
8C		EP-A1-0 810 490	12/03/97	Europe	—	—	
8C		JP-A-9-43921 (w/English abstract)	02/14/97	Japan	—	—	
8C		JP-A-7-175399 (w/English abstract)	07/14/95	Japan	—	—	
8C		JP-A-9-244484	09/19/97	Japan	—	—	
8C		JP-A-8-54786	02/27/96	Japan	—	—	
8C		JP-A-9-319285	12/12/97	Japan	—	—	
8C		JP-A-5-216304 (w/English abstract)	08/27/93	Japan	—	—	
8C		JP-B2-6-95234	11/24/94	Japan	—	—	
8C		JP-A-63-273878 (w/English abstract)	11/10/88	Japan	—	—	
8C		JP-A-6-175425 (w/English abstract)	06/24/94	Japan	—	—	
8C		JP-A-6-186798 (w/English abstract)	07/08/94	Japan	—	—	
8C		EP-A2-0 866 387	09/23/98	Europe	—	—	
8C		EP-A2-0 501 497	09/02/92	Europe	—	—	
8C		JP-A-7 234552 (w/English abstract)	09/05/95	Japan	—	—	
8C		JP-A-5-35005 (w/English abstract)	02/12/93	Japan	—	—	
8C		JP-07-311535	11/1995	Japan	—	—	
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
8C		JP-A-9-311610 (w/English abstract)	12/1997	Japan	—	—	
8C		JP-A-3-41476	2/1991	Japan	—	—	
8C		JP-A-8-227238 (w/English Abstract)	9/1996	Japan	—	—	
8C		JP-A-8-194428 (w/English Abstract)	7/1996	Japan	—	—	
8C		JP-A-9-212063 (w/English Abstract)	8/1997	Japan	—	—	
8C		JP-7-69473 (w/English Abstract)	3/1995	Japan	—	—	
8C		JP-A-11-79474 (w/English Abstract)	3/1999	Japan	—	—	
8C		JP-U-2-67364	5/1990	Japan	—	—	
8C		JP-A-7-84500 (w/English Abstract)	3/1995	Japan	—	—	
8C		JP-A-6-332345 (w/English Abstract)	12/1994	Japan	—	—	
8C		JP-A-11-84796 (w/English Abstract)	3/1999	Japan	—	—	
8C		JP-A-7-271274 (w/English Abstract)	10/1995	Japan	—	—	
8C		JP-U-64-17539	1/1989	Japan	—	—	
8C		JP-A-2-281268 (w/English Abstract)	11/1990	Japan	—	—	
8C		JP-A-62-16953 (w/English Abstract)	1/1987	Japan	—	—	
8C		JP 06-250450	09/1994	Japan	—	—	
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SL		5,418,606	05/1995	Kikuchi et al.	399	381
SL		5,585,889	12/1996	Shishido et al.	399	113
SL		6,011,935	01/2000	Matsuzaka et al.	399	12
SL		4,657,372	04/1987	Ikeda et al.	399	13
SL		4,887,133	12/1989	Ikeda et al.	399	124

  

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		

  

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